

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	1927	(74/395,396,397).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/10/24 10:48
L3	4	2 actuator (sensor or potentiometer) (reduc\$4 with (gear or speed))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/10/24 10:51
L4	2015	((linear adj actuator) or leadscrew or feedscrew) (sensor or potentiometer) (reduc\$4 with (gear or speed))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/10/24 10:52
L5	94	4 (gear with align\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/10/24 11:00
L6	3206	(74/392,395,396,397,400,401,89.36, 89.37).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/10/24 11:01
L7	2	6 (linear adj actuator) (worm adj gear) potentiometer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/10/24 13:32
L8	27	("3951004"   "4241814"   "4318304"   "4602520"   "4669325"   "4679457"   "4790201"   "4858481"   "5090513"   "5388471"   "5461935"   "5620078"   "5655636").PN. OR ("5809833"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/10/24 11:05
L9	32	(linear adj actuator).ti. (potentiometer or potientosensor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/10/24 11:11

## EAST Search History

L10	27	("3951004"   "4241814"   "4318304"   "4602520"   "4669325"   "4679457"   "4790201"   "4858481"   "5090513"   "5388471"   "5461935"   "5620078"   "5655636").PN. OR ("5809833"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/10/24 11:29
L11	2	leadscrew.ti. potentiometer	US-PGPUB; USPAT; USOCR	AND	ON	2007/10/24 11:30
L12	14	(lead adj screw).ti. potentiometer	US-PGPUB; USPAT; USOCR	AND	ON	2007/10/24 11:30
L13	1	("4771262").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/10/24 11:36
L14	25	("1955906"   "3179910"   "3360755"   "3497858"   "3676825"   "3815076"   "3982220"   "3987389"   "4004264"   "4114132"   "4114133"   "4132972"   "4357591"   "4672858"   "4771262").PN. OR ("6078249").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/10/24 11:45
L15	1049	actuator worm potentiometer	US-PGPUB; USPAT; USOCR	AND	ON	2007/10/24 11:50
L16	941	15 shaft	US-PGPUB; USPAT; USOCR	AND	ON	2007/10/24 11:45
L18	659	16 (position with (sens\$3 or detect\$3))	US-PGPUB; USPAT; USOCR	AND	ON	2007/10/24 11:46
L19	135	(linear adj actuator) worm potentiometer	US-PGPUB; USPAT; USOCR	AND	ON	2007/10/24 12:07
L21	4	6 (linear adj actuator) potentiometer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/10/24 13:32
S1	785	(74/89.23).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/10/22 12:34

## EAST Search History

S3	53	S1 shaft (worm adj gear) position	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/10/19 16:06
S5	1466	(linear adj actuator) (position with detect\$3) sensor housing	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/10/19 16:27
S9	122	(linear adj actuator).ti. (detect\$3 with position)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/10/24 11:10
S11	8	S9 potentiometer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/10/19 16:12
S12	53	("0511679"   "2683379"   "3128634"   "3159758"   "3406584"   "3595094"   "3660704"   "4276003"   "4277706"   "4337671"   "4493614"   "4521707"   "4576057"   "4601640"   "4723941"   "4964314"   "5041748"   "5053685"   "5117700"   "5192001"   "5312233"   "5391953"   "Re33910").PN. OR ("5557154"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/10/19 16:16
S13	501	(linear adj actuator) (position with detect\$3) potentiometer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/10/19 16:27
S14	3992	actuator position thread\$3 potentiometer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/10/22 10:46
S15	1481	S14 reduction motor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/10/22 10:33
S16	1181	S15 (gear or pinion)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/10/22 10:39

## EAST Search History

S17	292	S16 worm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/10/22 10:39
S18	37	(linear adj actuator) position thread\$3 potentiometer (reduc\$4 with gear) motor worm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/10/22 10:47
S19	13	("3675751"   "4884590"   "4898362"   "4949937"   "5137257"   "5152308"   "5156373").PN. OR ("5564677").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/10/22 11:54
S21	1898	leadscrew or ((lead or feed) adj screw) position (sensor adj shaft)	US-PGPUB; USPAT; USOCR	AND	ON	2007/10/22 11:55
S22	220	S21 potentiometer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/10/22 11:55
S23	24	("2294831"   "2624121"   "3803470"   "4338552").PN. OR ("4467250"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/10/22 12:00
S24	501	(linear adj actuator) (position with detect\$3) potentiometer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/10/22 12:26
S25	57	S24 ((movable or slidable) with (sensor or pontentiometer))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/10/22 12:31
S26	14	(linear adj actuator) shaft thread\$2 nut (worm adj gear) cylinder (position with detect\$4) housing gear pinion (sensor or pontentiometer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/10/22 12:33
S27	127	(hospital adj bed) actuator (position with detect\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/10/22 12:34
S29	343	(inoue adj masaki).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/10/22 13:05

## EAST Search History

S30	11	S29 actuator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/10/22 12:56
S31	23	(hiruma adj hiroshi).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/10/22 13:08
S32	156	((linear adj actuator) or (leadscrew)) with ((movable or slidable) sensor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/10/22 13:27
S33	1378	((linear adj actuator) or (leadscrew)) potentiometer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/10/22 13:27
S34	69	S33 (potentiometer with (guide or slot or groove))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/10/22 13:29
S35	25	("1955906"   "3179910"   "3360755"   "3497858"   "3676825"   "3815076"   "3982220"   "3987389"   "4004264"   "4114132"   "4114133"   "4132972"   "4357591"   "4672858"   "4771262").PN. OR ("6078249").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/10/22 13:33
S36	167	(74/392).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/10/24 10:48